Electrical World

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ACCIDENTS

PACIFIC G&E: Death of seven miners in an accident at Helms pumped-storage plant last January was the result of alleged "willful" safety violations by the general contractor, state OSHA officials charge JULY 16

ADVERTISING

Issue advertising can be effective OCTOBER 122

ALTERNATE ENERGY

Detroit Edison, the city of Detroit, and Combustion Engineering plan to build a $300-million solid-waste-disposal project OCTOBER 13

PUBLIC SERVICE E&G: Will supply and install either of two types of solar heaters in homes, as a supplementary energy source of hot water, according to a plan approved by the New Jersey Dept of Energy and the Board of Public Utility Commissioners OCTOBER 13

Studying thermophotovoltaics (Stanford University and Science Applications, Inc) NOVEMBER 29

ANTITRUST

CLEVELAND ELECTRIC ILLUMINATING: Wins after long antitrust trial NOVEMBER 28

ASSOCIATIONS

AMERICAN NATIONAL STANDARDS INSTITUTE: Nuclear plants get hi-fi simulators SEPTEMBER 103

AMERICAN PUBLIC POWER ASSN: FERC flooded with comments on CWIP rules DECEMBER 27

AMERICAN PUBLIC POWER ASSN: Gives an $11,645 grant to the North Attleborough (Mass) Electric Dept for a residential thermal-storage demonstration project NOVEMBER 16

AMERICAN SOCIETY OF MECHANICAL ENGINEERS: A precedent-setting case testing whether professional societies are liable under the Sherman Antitrust Act for actions of their members will be heard before the Supreme Court AUGUST 13

AMERICAN SOCIETY OF MECHANICAL ENGINEERS: Seismic restraining rings OCTOBER 25

ATLANTIC CITY CASINO HOTEL ASSN: A new rate structure that will boost rates for New Jersey's casino-gambling industry by as much as 44% has been approved by the state's Board of Public Utilities SEPTEMBER 15

ATOMIC INDUSTRIAL FORUM: Utilities see increasing nuclear-licensing delays SEPTEMBER 104

CANADIAN ELECTRICAL ASSN: Battelle's Pacific Northwest Laboratories has a program underway that includes sampling and analyzing emissions from four coal-fired plants in Canada NOVEMBER 11

EDISON ELECTRIC INSTITUTE: Current implementation of the avoided cost provisions of Purpa actually raises the cost of electricity to customers by providing windfall profits to nonutility developers of small hydro NOVEMBER 13

EDISON ELECTRIC INSTITUTE: Deregulation: Back door to nationalization AUGUST 43

EDISON ELECTRIC INSTITUTE: Economic growth still commands priority NOVEMBER 107

EDISON ELECTRIC INSTITUTE: Electric Rate Action Survey for the first quarter of 1981 shows that a total of $2.10-billion in rate increases was approved by state commissions OCTOBER 11

EDISON ELECTRIC INSTITUTE: FERC flooded with comments on CWIP rules DECEMBER 27

EDISON ELECTRIC INSTITUTE: Incentive plan benefits workers, utilities SEPTEMBER 49

EDISON ELECTRIC INSTITUTE: Study finds that about 5.3-million pieces of utility-industry equipment contain enough PCBs to warrant special handling under federal procedures DECEMBER 13

EDISON ELECTRIC INSTITUTE: Task force has developed an insurance program that would provide for up to $1-billion of insurance coverage for on-site property damage at nuclear power plants JULY 15

EDISON ELECTRIC INSTITUTE: Two-page ad, written by economist Charles J. Cicchetti and paid for by EEI, draws bitter comment from the National Assn of State Utility Consumer Advocates DECEMBER 13

EDISON ELECTRIC INSTITUTE: Utilities search for new revenue sources JULY 39

EDISON ELECTRIC INSTITUTE: Vepco President William W. Berry advocates an end to monopoly-generated electricity and calls for its replacement by a free competitive market NOVEMBER 13

IEEE: A former petition candidate for IEEE president, Irwin Feerst, tells the Internal Revenue Service that corporations may be violating tax laws by improperty deducting from their corporate taxes the IEEE dues thye pay for their employees OCTOBER 16

IEEE: Howard J. Christie, an engineer in the Design & Construction Div of the Los Angeles Dept of Water & Power, has been nominated by petition for Director of IEEE's Division VII AUGUST 16

IEEE: A program to accredit independent laboratories for testing safety-related nuclear powerplant equipment--mostly electrical and control equipment--is approved by IEEE AUGUST 11

INSTITUTE OF NUCLEAR POWER OPERATIONS (INPO): Awards $1,500 schloarships to 159 undergraduates who chose nuclear power industry careers in the 1981-82 academic year NOVEMBER 11

NATIONAL ASSN OF REGULATORY UTILITY COMMISSIONERS (NARUC): Block Island Power Co, in Rhode Island, gets the dubious honor of having the highest winter residential rates for 1980-81 SEPTEMBER 15

NARUC: May launch its own review of utilities' financial health with hearings in Washington, DC SEPTEMBER 15

NATIONAL ASSN OF REGULATORY UTILITY COMMISSIONERS (NARUC): Regulators see gloomy days for state control SEPTEMBER 25

NATIONAL ASSN OF REGULATORY UTILITY COMMISSIONERS (NARUC): Regulators seek remedies for sick utilities (before NARUC Ad Hoc Committee investigating the finanacial health of electric utilities) NOVEMBER 27

NATIONAL ASSN OF REGULATORY UTILITY COMMISSIONERS (NARUC): Washington's dilemma: What to do with Purpa JULY 25

NATIONAL ASSN OF REGULATORY UTILITY COMMISSIONERS (NARUC): Why not listen to the people (Editorial) DECEMBER 3

NATIONAL ASSN OF STATE UTILITY CONSUMER ADVOCATES: A two-page ad, written by economist Charles J. Cicchetti and paid for by EEI, draws bitter comment from NASUCA DECEMBER 13

NATIONAL COAL ASSN: Coal producers oppose railroad leasing of federal coal reserves NOVEMBER 13

NATIONAL ELECTRICAL MANUFACTURERS ASSN (NEMA): Reginald H. Jones retired chairman and CEO of General Electric Co is awarded Medal of Cooperation James H. McGraw Award at NEMA's annual meeting DECEMBER 16

NATIONAL GOVERNORS' ASSN: DOE opposes bills before Congress that would give utilities special tax breaks for purchasing coal-fired boilers and related conversion equipment. OCTOBER 109

NATIONAL RURAL ELECTRIC COOPERATIVE ASSN: FERC flooded with comment on CWIP rules DECEMBER 27

PENNSYLVANIA BUILDERS ASSN: Pennsylvania PUC asks the state's Commonwealth Court for permission to appeal its decision on insulation standards before electricity can be connected to a new home OCTOBER 16

PUBLIC UTILITY COMMUNICATORS ASSN: Issue advertising can be effective OCTOBER 122

SOUTHEASTERN ELECTRIC EXCHANGE: Announces the winners of its 1981 Energy Efficiency Award: Georgia Power for a cost effective passive solar home and Florida P&L for an energy redesign of a three-bedroom home DECEMBER 16

AWARDS

Duke Power receives Reddy Communications' top award in its annual report competition JULY 16

SOUTHEASTERN ELECTRIC EXCHANGE: Announces the winners of its 1981 Energy Efficiency Award: Georgia Power for a cost-effective passive solar home and Florida P&L for an energy redesign of a three-bedroom home DECEMBER 16

Reginald H. Jones, retired chairman of the board and chief executive officer of General Electric Co, was awarded the James W. McGraw Award for Electrical Men at the NEMA annual meeting DECEMBER 16

B

BATTERIES

C&D BATTERIES: Reports that rechargeable plastic batteries can be made from conjugated polymers OCTOBER 16

BLACKOUTS

Grand Coulee: A huge fire in a tunnel containing a 525-kV oil-cooled cable leading to the 700-MW Unit 23 at Grand Coulee's third powerhouse also damaged cable to two other 700-MW units AUGUST 13

Jacksonville, Florida: Can people build tolerance to blackouts? JULY 30

BOILERS

Precedent-setting case testing whether professional societies are liable under the Sherman Antitrust Act for actions of their members will be heard before the Supreme Court AUGUST 13

MONTANA POWER CO: Blow your horn saves 4 MW of boiler derating SEPTEMBER 149

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CABLE

ONTARIO HYDRO: Heat pipes cool feeder pipes DECEMBER 91

POWER TECHNOLOGIES INC: New, efficient way to spot feeder oil leaks fast (by using dogs) AUGUST 104

CAPACITORS

CLEVELAND ELECTRIC ILLUMINATING: Speeds up its campaign to replace PCB-filled capacitors on its system NOVEMBER 11

SIEMENS-ALLIS: Cut losses through unbalanced-feeder analysis DECEMBER 93

CAPACITY ADDITIONS

Editorial: We need new capacity despite low growth SEPTEMBER 3

Forecast: Electrical World's 32nd annual electrical industry forecast SEPTEMBER 73

Three new coal-fired units have been completed, with one already in commercial operation NOVEMBER 16

Westinghouse: Planning for future generation needs JULY 109

CAPITAL EXPENDITURES

Forecast: Electrical World's 32nd annual electrical industry forecast SEPTEMBER 73

CIRCUIT BREAKERS

LONG ISLAND LIGHTING CO: Distribution harmonics cause breaker problems SEPTEMBER 121

PACS INDUSTRIES INC: Rebuild outmoded air/oil switchgear with SF_6 CBs SEPTEMBER 151

COGENERATION

Celanese Chemical Co and Big Three Industries Inc are studying the feasibility of building a $500-million cogeneration plant OCTOBER 13
IOWA STATE COMMERCE COMMISSION: Proposed rate schedules applying to the exchange of electricity between Iowa investor-owned utilities and customer cogenerators were ordered into effect AUGUST 16
FOSTER WHEELER BOILER CORP and MONONGAHELA POWER CO: Novel cogeneration scheme to assist refinery OCTOBER 108
LOCKHEED MISSILES & SPACE CO: Plans to cut the utility-supplied energy demand for its Sunnyvale (Calif) facility by 50% using a natural gas fired cogeneration plant OCTOBER 13
NIAGARA MOHAWK POWER CORP: Plans to set up an unregulated subsidiary to build 5-10-MW cogeneration facilities, possibly in partnership with Consolidated Gas Co AUGUST 16
PACIFIC G&E: Develops two programs that potential developers of cogeneration can use to analyze financial benefits and assess environmental regulations DECEMBER 11

Rolls-Royce: A $22-million 25-MW Rolls-Royce SK-30 gas turbined based cogeneration system for the downtown Miami government center complex is slated for startup in 1984 DECEMBER 86

COMMUNICATIONS

Learning Curve: How to use visuals like an expert OCTOBER 45
NIAGARA-MOHAWK: Satellite communication fills data void JULY 125
PENNSYLVANIA POWER & LIGHT: Fiber optics in shield wire wins communications gains DECEMBER 109

COMPANY CHANGES

LOUISIANA P&L and NEW ORLEANS PS: Will be consolidated into a new firm using the former's name SEPTEMBER 16

COMPUTERS

GIBBS & HILL's GEOGRAPHIC INFORMATION SERVICES: Using computer graphics to help site powerplants JULY 25
LEEDS & NORTHRUP and UNION CARBIDE CORP: Gaseous-diffusion plant gets computer control DECEMBER 101
KANSAS GAS & ELECTRIC: Computerized transformer list cuts reserve by 3600 units DECEMBER 111
LONG ISLAND LIGHTING CO: Automate storm data to cut outage time NOVEMBER 93
On-site bill preparation cuts costs (Washington Water Power, Louisiana Gas Service Co, Central Louisiana Electric Co, Arizona Public Service, California American Water Co, Itron Inc) AUGUST 117
PENNSYLVANIA POWER & LIGHT: Dispatch computer uprated at low cost SEPTEMBER 118

CONDUCTORS

PENNSYLVANIA POWER & LIGHT and WESTINGHOUSE ELECTRIC CORP: Prevent line burndown with metal-mass clamp DECEMBER 107

CONSERVATION

AMERICAN PUBLIC POWER ASSN: Gives an $11,645 grant to the North Attleborough (Mass) Electric Dept for a residential thermal-storage demonstration project NOVEMBER 16
CONSOLIDATED EDISON CO OF NY: Is beginning a two-year demonstration project to provide solar-assisted water-heating systems to 700 houses JULY 13
DOE forecasts less NO_x, low increase in SO_x SEPTEMBER 29
DOE proposes to revamp its two-year-old home-energy-audit rules, to give utilities more leeway in making the audits DECEMBER 16
DOE: Results of an analysis of proposed appliance-efficiency standards appear to justify issuance of final minimum standards at least for hot-water heaters and central air conditioners

EXXON's subsidiary RELIANCE ELECTRIC CO, is ending all research on its alternating-current synthesis technology SEPTEMBER 15
GEORGIA POWER: Has prepared and is making available a "Passive Solar Plan Book," containing 15 of the most popular home plans requested from three different plan services by customers building homes in Georgia DECEMBER 16
NORTHERN STATES POWER: Proposes a rebate program to encourage residential customers to purchase high-efficiency appliances OCTOBER 13
SAN DIEGO GAS & ELECTRIC: California PUC staff accuses San Diego G&E of dragging its feet on almost every state-mandated energy-conservation program, and recommends that it be penalized up to $2-million a year for five years JULY 13
Residential customers show an increasing awareness of home-inspection services offered by utilities, according to Central Surveys Inc JULY 13
SEATTLE CITY LIGHT: Conservation program moves a step closer to providing free electric water-heater jackets and water-temperature setbacks to residential customers OCTOBER 13

CONSTRUCTION

Are you weak enough for CWIP? SEPTEMBER 68
FERC flooded with comments on CWIP rules DECEMBER 27
HOUSTON LIGHTING & POWER: Halts construction of its troubled South Texas nuclear plant for at least six months, while it phases out Brown & Root as builder and finds a replacement DECEMBER 11
How to control project documents (MDC Systems Corp) OCTOBER 48
Transmission & Distribuiton construction survey (Electrical World 16th annual survey) AUGUST 71

CONSUMERS

Two-page ad, written by economist Charles J. Cicchetti and paid for by EEI, draws bitter comment from the National Assn of State Utility Consumer Advocates DECEMBER 13

COOLING

EPRI begins a three-year test of power-plant cooling systems that would use at least 75% less water than conventional systems SEPTEMBER 15

COOPERATIVES

PACIFIC GAS & ELECTRIC and SOUTHERN CALIFORNIA EDISON CO: Customer co-ops are big in California OCTOBER 119

CRIME

CALIFORNIA: A new California law will allow utilities to collect triple damages for theft of power NOVEMBER 13
SOUTH NORWALK (CONN) ELECTRIC WORKS: A muni's refusal to separate a customer's fuel-adjustment charge from the rest of the bill leads to the arrest of seven persons connected with the utility OCTOBER 16

CUSTOMER SERVICE

IOWA P&L: Iowa State Commerce Commission approves an Iowa P&L proposal to install 150 load-limiting devices as an alternative to service disconnection of residential customers with delinquent accounts NOVEMBER 16

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DISTRIBUTION

COLUMBUS & SOUTHERN OHIO ELECTRIC: Recycled switchgear enclosures cut job costs AUGUST 125
Forecast: Electrical World's annual electrical industry forecast SEPTEMBER 73
LONG ISLAND LIGHTING CO: Distribution harmonics cause breaker problems SEPTEMBER 121
PENNSYLVANIA P&L and PHILADELPHIA ELECTRIC: Molded plastic box-pads ease URD transformer problems OCTOBER 139
PENNSYLVANIA P&L and WESTINGHOUSE ELECTRIC: Prevent line burndown with metal-mass clamp DECEMBER 107
PENNSYLVANIA P&L: Smart ideas grow in value with proper dissemination DECEMBER 113
SIEMENS-ALLIS: Cut losses through unbalanced-feeder analysis DECEMBER 93
Transmission & distribution construction survey (Electrical World's 16th annual survey) AUGUST 71

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EARTHQUAKES

Seismic restraining rings, made of an aluminum-bronze alloy, are designed to prevent ASME Class III vertical pumps from moving violently in the event of an earthquake OCTOBER 25

ECONOMICS

Economic growth still commands priority NOVEMBER 107
Electrical World's 32nd annual electrical utility industry forecast SEPTEMBER 73

EDITORIALS

Cost of not serving is too high to risk (William C.Hayes, Editor-in-Chief, Electrical World, editorial on US Dept of Commerce trip to India) OCTOBER 3
A degree doesn't make a nuclear-plant operator AUGUST 3
Utilities need outstanding personnel now, more than ever NOVEMBER 3
Utility/builder joint ventures might ease the capital crunch JULY 3
We need new capacity despite low growth SEPTEMBER 3
Why not listen to the people? DECEMBER 3

EDUCATION

INSTITUTE OF NUCLEAR POWER OPERATIONS (INPO): Awards $1,500 scholarships to 159 undergraduates who chose nuclear-power industry careers in the 1981-82 academic year NOVEMBER 11

ELECTIONS

Maine: Voters turned down a proposal to replace their three-member, governor-appointed PUC with an elected group having broad responsibility for energy planning, development, and regulation DECEMBER 11
WASHINGTON PUBLIC POWER SUPPLY SYSTEM: Residents of Washington state passed, by a wide margin, an initiative that will give voters veto power over energy-related bond issues involving public-power projects over 250 MW DECEMBER 11

ELECTRIC VEHICLES

DETROIT EDISON: Employees and their families are chosen to test 18 two-seater electric cars under a joint program with DOE AUGUST 16
DOE awards two contracts to establish a network of retain electric-vehicle dealers in the US DECEMBER 16
Postal Service adds to fleet of small electric cars SEPTEMBER 25

ELECTRICAL WORLD

Electrical World electric utility map (revised) advertisement SEPTEMBER 11

EMPLOYEE TRAINING

ARKANSAS P&L: Advanced simulator goes to southern utility SEPTEMBER 105
Editorial: Utilities need outstanding personnel now, more than ever NOVEMBER 3
GILBERT/COMMONWEALTH: Study provides guidance to train system operators AUGUST 27

ENERGY

America's Electric Energy Exhibit Inc has chosen a site for its pavilian at the 1982 World's Fair in Knoxville, Tenn JULY 16

ENERGY MANAGEMENT

Add on heat pump has strong appeal DECEMBER 99

AMERICAN PUBLIC POWER ASSN: Gives an $11,645 grant to the North Attleborough (Mass) Electric Dept for a residential thermal-storage demonstration project NOVEMBER 16

ARIZONA PS and PS CO OF COLORADO: Residential load controllers cut peak kW AUGUST 115

Canada: Current limiter replaces need to cut nonpayers off AUGUST 118

CONSOLIDATED EDISON CO OF NY: Is beginning a two-year demonstration project to provide solar-assisted water-heating systems to 700 houses in New York City and Westchester County JULY 13

Economic growth still commands priority NOVEMBER 107

Forecast: Electrical World's 32nd annual electrical industry forecast SEPTEMBER 73

GEORGIA POWER: Has prepared and is making available a "Passive Solar Plan Book," containing 15 of the most popular home plans requested from three different plan services by customers building homes in Georgia DECEMBER 16

GIBBS & HILL: kWh will meet all energy growth needs SEPTEMBER 133

Insulation may cause wiring-code violations NOVEMBER 109

IOWA P&L: Iowa State Commerce Commission approves an Iowa P&L proposal to install 150 load-limiting devices as an alternative to service disconnection of residential customers with delinquent accounts NOVEMBER 16

Issue advertising can be effective OCTOBER 122

KANSAS G&E: Receives regulatory approval for a load-management scheme that rewards customers in winter for allowing automatic cycling of their air conditioners in summer JULY 13

KANSAS G&E: Utility uses bill-stuffer ads JULY 141

New system makes building energy management easy (Leviton Mfg Co) JULY 141

NORTHEAST UTILITIES: Files a suit challenging the Connecticut Dept of Public Utility Control's order than NU revert to discounted rates for high volume residential electric-heating customers AUGUST 13

On-site bill preparation cuts costs AUGUST 117

PACIFIC G&E and SOUTHERN CALIFORNIA EDISON: Customer co-ops are big in California OCTOBER 119

SOUTHERN CALIFORNIA EDISON: Evaporative coolers should replace old air conditioners, SoCal Edison recommends to a pilot group in its greater eastern desert district, because they cost less AUGUST 16

SOUTHERN CALIFORNIA EDISON: Has signed a load-shedding agreement with an association of four of its large commercial customers AUGUST 16

TEXAS P&L: Bonus Bucks put $ in customers' pockets JULY 139

Transient surge suppressors don't save energy JULY 142

WISCONSIN PSC: Directs three utilities to plan a combined meter-reading experiment, in an attempt to find ways to save money for customers DECEMBER 16

ENGINEERS

Are you ready for the manpower crunch? SEPTEMBER 54

ENVIRONMENT

BPA: An eastern Oregon duck's life is worth $2,967, according to the BPA's auditor's office SEPTEMBER 15

CLEVELAND ELECTRIC ILLUMINATING: Speeds up its campaign to replace PCB-filled capacitors on its system NOVEMBER 11

COMBUSTION ENGINEERING's waste-incinerator prototype has successfully treated typical nuclear-plant liquid, slurry, and dry wastes during more than 600 hours of operation OCTOBER 11

COMMONWEALTH EDISON: Shrouded fork lift handles radioactive wastes effectively DECEMBER 110

DOE forecasts less NO_x, low increase in SO_x SEPTEMBER 29

EEI study finds that about 5.3-million pieces of utility-industry equipment contain enough PCBs to warrant special handling under federal procedures DECEMBER 13

FLORIDA P&L: Helps protect endangered wildlife species DECEMBER 27

GAO report finds it impossible to determine whether coal or nuclear wastes are more hazardous DECEMBER 13

PACIFIC POWER & LIGHT: 500-kV towers are for the birds JULY 27

PCBs: Smoke with PCBs from transformers shuts building OCTOBER 30

Pollution control spending is down JULY 72

SOUTHERN CALIFORNIA EDISON CO: An environmental study ordered by SoCal Edison and the US Bureau of Land Management puts most proposed wind farms on hold SEPTEMBER 13

STONE & WEBSTER: Studies a bedded salt formation in the Texas Panhandle as a potential site for a nuclear waste respository OCTOBER 13

UNIVERSITY OF ILLINOIS: Man-made microbes that "eat" and thus remove certain herbicides that were used to kill broad-leafed plants in transmission rights-of-way but which now are banned may soon be an on-the-shelf item AUGUST 15

ENVIRONMENT: AIR POLLUTION

BABCOCK & WILCOX: Will test a dry-scrubbing technique to remove sulfur from flue gases at coal-fired plants without producing wet, difficult-to-handle sludge NOVEMBER 11

BATTELLE's PACIFIC NORTHWEST LABORATORIES: Has a program under way that includes sampling and analyzing emissions from four coal-fired plants in Canada NOVEMBER 11

CANADA: Charges the US fails to live up to an agreement to reduce air-pollution emissions that cause acid rain to fall on Canada AUGUST 13

CAROLINA P&L: Utility use of 'pulsed' precip shows major gains NOVEMBER 125

Clean Air Act: Unnecessarily impedes industrial planning and development SEPTEMBER 13

CONSOLIDATED EDISON: Extends its test of the polluting effects of cheaper higher-sulfur fuel for a second year, with no violation of air-quality standards--but also no agreement on the validity of the tests OCTOBER 13

Court limits cost-benefit analysis SEPTEMBER 27

Deadlines for achieving primary air-quality standards in the US should be adjusted to reflect realities in particular areas, says the President's Cabinet Council on Natural Resources & Environment SEPTEMBER 13

EPA approves a chemical process that removes PCBs from transformer oil while producing no waste and emitting no PCBs into the air or water JULY 11

EPA's Industrial Environmental Research Lab verifies findings that adipic acid reduces SO_2 emissions when added in small amounts to flue gas desulfurization systems SEPTEMBER 13

HOUSTON L&P and RESEARCH-COTTRELL: Model baghouse yields clues on particle re-entrainment SEPTEMBER 152

Industry seeks Clean Air Act revisions JULY 28

NATIONAL ACADEMY OF SCIENCES report finds "overwhelming" evidence that coal-fired plants are the major source of acid rain OCTOBER 11

PS INDIANA: FGD system being built at new PS Indiana unit AUGUST 29

SALT RIVER PROJECT: Horizontal scrubbers perform well AUGUST 89

Senate bill S1706 for dealing with acid precipitation could end up costing utility consumers $3.2 billion annually DECEMBER 86

UNITED POWER ASSN and RESEARCH-COTTRELL: Zero bag failures after two years of peaking operation AUGUST 127

UTAH P&L: Demonstration system for reducing by up to 50% NO_x emissions from coal-fired utility boilers will be tested on a 400-MW unit at Hunter station JULY 13

WASHINGTON COMMENT: Reagan's clean-air strategy SEPTEMBER 4

ENVIRONMENT: WASTE DISPOSAL

Battelle Columbus Laboratories has proposed a study to develop information about the current state-of-the-art of PCB-destruction technology JULY 13

Battelle Northwest: A technique of melting and solidifying already-buried low-level nuclear and other hazardous wastes in place, to form durable glass or crystal has been developed AUGUST 13

DETROIT EDISON: DE, the city of Detroit, and Combustion Engineering plan to build a $300-million solid-waste-disposal project OCTOBER 13

NRC decides to invite public comment on a proposed 1,000-year safety rule for storage of high-level nuclear wastes, despite please for delay by DOE and the industry AUGUST 11

ENVIRONMENT: WATER POLLUTION

EPA approves a chemical process that removes PCBs from transformer oil while producing no waste and emitting no PCBs into the air or water JULY 11

EXHIBITS

America's Electric Energy Exhibit Inc has chosen a site for its pavilion at the 1982 World's Fair in Knoxville, Tenn JULY 16

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FINANCE

Are you weak enough for CWIP? SEPTEMBER 68

BALTIMORE GAS & ELECTRIC: Utility aids fuel fund for needy OCTOBER 27

CLEVELAND ELECTRIC ILLUMINATING: Ohio Supreme Court refuses to reconsider its ruling that the PUC cannot authorize CEI to pass along over a 10-year period the costs of four canceled nuclear plants OCTOBER 16

DEAN WITTER REYNOLDS: Reports that coal prices won't spurt until late 1983 or 1984 OCTOBER 109

EEI Task force has developed an insurance program that would provide for up to $1-billion of insurance coverage for on-site property damage at nuclear power plants JULY 15

EEI: Utilities serarch for new revenue sources JULY 39

Editorial: Utility/builder joint ventures might ease the capital crunch JULY 3

Forecast: 32nd Annual Electrical utility industry forecast SEPTEMBER 73

GENERAL PUBLIC UTILITIES: TMI's cost impact estimated OCTOBER 59

HAWAIIAN ELECTRIC CO: Plans to restructure itself into a nonutility holding company named Hawaiian Electric Industries Inc SEPTEMBER 16

INSURANCE CO OFNORTH AMERICA: Cutting costs through loss control SEPTEMBER 51

JERSEY CENTRAL P&L: Files request for a 1.5% temporary rate increase to raise $100-million over thenext five years for construction of a power link under Lake Erie DECEMBER 46

Learning Curve: Utilities lead in health, safety spending JULY 57

Michigan: Injunctions in the Michigan Court of Appeals threaten construction financing by Consumers Power and Detroit Edison SEPTEMBER 15

NARUC: May launch its own review of utilities' financial health with hearings in Washington, DC SEPTEMBER 15

New tax bill benefits utilities SEPTEMBER 68

North Carolina Utilities Commission gives Vepco a 10% return on equity instead of the requested 15.5%, due to a decade of poor maintenance at two fossil-fired

plants DECEMBER 16
NRC is considering amending regulations governing review of applicants' financial qualifications to build and operate nuclear plants SEPTEMBER 16
Pollution control spending is down JULY 72
PS CO OF COLORADO: Tells the New York Society of Security Analysts that it will delay any new projects until its stock price rises to book value OCTOBER 15
PS of OKLAHOMA: Tells the State Corporation Commission that total customer costs related to a utility construction program will be much less if construction financing costs are collected from ratepayers as they occur, instead of when projects are completed OCTOBER 15
PUGET SOUND P&L: Finds unusual financing for share in two units NOVEMBER 25
SAN DIEGO G&E: Plan to charge a $2,000 electrical hookup fee on new homes receives a good deal of criticism from the California PUC JULY 15
Steam Station Cost Survey: Electrical World's 22nd survey NOVEMBER 69
TOLEDO EDISON: Receives a tax-free gain of $10.8-million by swapping new common shares for its own bonds, held by the Merrill Lynch White Weld Capital Markets group DECEMBER 16
Utility reports reflect turmoil, change DECEMBER 51
VIRGINIA ELECTRIC & POWER: Customers purchased 553,950 shares of the company's common stock valued at over $6-million OCTOBER 15
WASHINGTON COMMENT: How do you spell relief? (tumbling of bond ratings) DECEMBER 4
WASHINGTON COMMENT: Reagan and the utility problem NOVEMBER 4
WASHINGTON PUBLIC POWER SUPPLY SYSTEM: Agreement is reached, after much haggling, to raise $150-million for mothballing WPPSS's nuclear Units 4 and 5 for two years NOVEMBER 11
WASHINGTON PUBLIC POWER SUPPLY SYSTEM: Board of directors approves a $750-million bond sale for construction of WNP-1,2 and 3 OCTOBER 15
WASHINGTON PUBLIC POWER SUPPLY SYSTEM: Financial woes cause WPPSS to halt construction at two of its five nuclear plants in Washington state (Hanford Units 4 and 5) AUGUST 16

FOREIGN: AUSTRIA

Seven coal-fines-refuse processors that recover water and solidify the fines when coal is washed are now in operation at the Centralia (Wash) mine, owned by Washington Water Power and Pacific P&L (the Andritz machines are made in Austria) NOVEMBER 13

FOREIGN: CANADA

Battelle's Pacific Northwest Laboratories has a program under way that includes sampling and analyzing emissions from four coal-fired plants in Canada NOVEMBER 11
Canada charges the US fails to live up to an agreement to reduce air-pollution emissions that cause acid rain to fall on Canada AUGUST 13
Canada gives grants for oil cutbacks AUGUST 30
Current limiter replaces need to cut nonpayers off (Ontario Hydro, Hydro Quebec, Saskatchewan Power, City of Calgary Electric System, Manitoba Hydro, TransAlta Utilities Corp) AUGUST 118
Heat pipes cool feeder pipes (Ontario Hydro) DECEMBER 91
Hydroelectric power from Canada could begin flowing into New England within four years under an agreement between New Hampshire and the province of Quebec JULY 11
Jersey Central P&L files request for a 1.5% temporary rate increase to raise $100-million over the next five years for construction of a power link under Lake Erie (project is to be divided between JCP&L and Ontario Hydro) DECEMBER 16
Ontario Hydro: Quick tower lift for power boost JULY 149
Ontario Hydro: Receives authorization from Canada's National Energy Board to increase its electric power exports to the US to as much as 20-billion kWh in any 12-month period from July 1, 1981 to Dec 31, 1983 JULY 11

FOREIGN: ENGLAND

Central Electricity Generating Board: US utilities study maintenance-work standards DECEMBER 33

FOREIGN: FRANCE

Float 43-ft needle into 4-in. clearance bore with ease (used during assembly stages of heat exchanger for Super Phenix) DECEMBER 112
French ministries, prior to a parliamentary energy debate this month, receive a working paper that lauds nuclear as "a source of energy possessing considerable advantages that can make it one of France's major trumps in the coming 20 years OCTOBER 11
New French leaders see few nuclear cuts OCTOBER 29
PWR output can easily be adjusted downward to match baseload demand without apparent danger to reactor or fuel, according to a study by Electricite de France DECEMBER 11
US ties interest rates to nuclear-safeguard arrangements in order to compete with France and West Germany in bidding for Taiwan Power's Units 7 and 8 SEPTEMBER 11

FOREIGN: GERMANY

US ties interest rates to nuclear safeguard arrangements in order to compete with France and West Germany in bidding for Taiwan Power Co's Units 7 and 8 SEPTEMBER 11

FOREIGN: HOLLAND

Novel cogeneration scheme to assist refinery OCTOBER 108

FOREIGN: INDIA

Editorial: The cost of not serving is too high to risk (Editorial by William C. Hayes, Editor-in-Chief, Electrical World, regarding his US Dept of Commerce trip to India) OCTOBER 3

FOREIGN: NOVA SCOTIA

Construction of two tidal-power dams in Nova Scotia could increase the range of tides on the cost of Maine by as much as 20 in., endangering homes and roads as well as the coast ecology JULY 13

FOREIGN: TAIWAN

Taiwan Power Co: US ties interest rates to nuclear-safeguard arrangements in order to compete with France and West Germany in bidding for Taiwan Power's Units 7 and 8 SEPTEMBER 11

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DOE forecasts less NO_x, low increase in SO_x SEPTEMBER 29
Editorial: We need new capacity despite low growth SEPTEMBER 3
Electrical World's 32nd annual electrical industry forecast special report SEPTEMBER 73
Gibbs & Hill: kWh will meet all energy growth needs SEPTEMBER 133
32nd annual electric utility industry forecast SEPTEMBER 73

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DOE: Mandated use of fuels hit in DOE report SEPTEMBER 28

FUELS: COAL

Basin Electric: Coal stockpiles at Basin Electric's 1,000-MW Laramie River power station are protected by sealers made from a flyash-water mixture OCTOBER 110
Battelle Pacific Northwest Laboratories: Nuclear vs Coal: Comparing cost trends DECEMBER 81
Bureau of Land Management has determined that approximately 13.5-billion tons of federal coal in northwest New Mexico are suitable for leasing and development by mining companies OCTOBER 110
Charles River Associates: Interregional market competition in the US coal industry makes it unlikely that coal-transportation charges will rise to excessive levels DECEMBER 86
Coal production to surge in '81 despite the United Mine Workers strike, according to DOE SEPTEMBER 106
Columbus & Southern Ohio Electric: US Supreme Court dismisses an appeal by C&SOE to recoup expenses incurred during 1977-78 coal strike JULY 114
Commonwealth Edison: US Supreme Court rules 6-3 that Montana's 30% coal-severance tax does not violate either the Commerce Clause of the Constitution or federal statutes AUGUST 13
Dean Witter Reynolds report: Coal prices won't spurt until late 1983 or 1984 OCTOBER 109
DOE: Coal-water mixture that can be burned in a boiler as a substitute for oil is tested at DOE's Pittsburgh Energy Technology Center NOVEMBER 13
DOE: Mandated use of fuels hit in DOE report SEPTEMBER 28
DOE: Nation's two largest oil-from-coal pilot plants are restarted under agreements with DOE SEPTEMBER 13
DOE: Opposes bills before Congress that would give utilities special tax breaks for purchasing coal fired boilers and related conversion equipment OCTOBER 109
DOE: Production and use of low-rank coals for electric power generation has increased tenfold in the last decade and now totals 150 million tons/yr DECEMBER 86
DOE sees coal consumption increasing at an average rate of 5.2% per year between 1980 and 1982 DECEMBER 86
Electrical World looks at . . . Utilities & Railroads (special report) JULY 87
FluiDyne Engineering Corp: Advanced fluidized-bed coal boiler that will burn anthracite waste will be built at East Stroudsburg (Pa) State College SEPTEMBER 13
GAO report finds it impossible to determine whether coal or nuclear wastes are more hazardous DECEMBER 13
Gilbert/Commonwealth Companies: Coal or nuclear? Economics govern OCTOBER 103
Greenhouse effect: Only hot air JULY 114
Louisville & Nashville Railroad and Chesapeake & Ohio Railway: Save 265 miles of coal route with 1/5-mile rail connection OCTOBER 141
Montana Supreme Court orders state PSC to conduct new hearings to decide whether a market cost or rate of return formula should be used to determine fair costs for coal supplied by a coal company subsidiary to its parent utility OCTOBER 109
National Coal Assn: Coal producers oppose railroad leasing of federal coal leasing NOVEMBER 13
New England Electric System buys all-coal robot ship JULY 114
New England Electric System: Buys all-coal robot ship JULY 114
Ohio Edison and three other utilities agree to amend sales contracts with a unit of North American Coal Corp, thus allowing them to purchase more economical coal elsewhere OCTOBER 13
Public Service Electric & Gas: Oil to gas switch can save $10-million SEPTEMBER 106
Southwestern PS: Mobile bottom-ash conveyor eases furnace-tending chores AUGUST 127
Study lists coal-conversion savings SEPTEMBER 106
Systems Control Inc releases a study on the "Assessment of the Benefits of Coal Oil Mixtures" DECEMBER 86
TVA: GAO faults TVA on coal buys DECEMBER 24
TVA study of the costs of nuclear vs coal-fired generating stations concludes that they will cost about the same for a plant that starts commercial operation in 1995 JULY 11
US Supreme Court rejects appeals against certain provisions of the 1977 Strip Mining Act brought by coal operators, localities, and the states of Virginia and Indiana AUGUST 13
US Supreme Court unanimously upholds the constitutionality of broad federal controls over strip mining JULY 16
Utah: Use of the Alton coal field near Bryce Canyon National Park, Utah, for strip-mining is being reassessed by Interior Secretary James Watt, causing sharp criticism from environmentalists OCTOBER 13

Utah P&L: Bids $10-million at lease sale SEPTEMBER 106

Washington Comment: Coal-tax time bomb AUGUST 4

Washington Comment: Issues to watch (coal conversion) OCTOBER 4

Washington Water Power and Pacific P&L: Seven coal-fines-refuse processors that recover water and solidify the fines when coal is washed are now in operation at the Centralia (Wash) mine owned by both companies NOVEMBER 13

FUELS: COAL SLURRY

Reagan Administration comes out against legislation that would give slurry pipelines eminent domain to acquire rights of way DECEMBER 13

South Dakota legislature approves a water pact with slurry pipeline developers giving Energy Transportation Sytems Inc the right to use Missouri River water for its slurry pipeline from Wyoming to the Gulf area NOVEMBER 15

Washington Comment: Issues to watch (coal slurry pipelines) OCTOBER 4

FUELS: GAS

DOE Secretary James B. Edwards proposes major regulatory changes to make it easier for utilities to petition for exemptions to burn natural gas or oil AUGUST 15

Dresser Industries: There will be an estimated 1.4-million producing oil and gas wells in the US by 1990 DECEMBER 86

McGraw-Hill: Capital spending in US oil and gas operations is expected to increase only 18.7% in 1982 DECEMBER 86

Medium and high-Btu coal gas could become competitive with new natural gas in the 1980s if a minimum acceptable price of $5.20/million Btu is attained for medium-Btu gas by 1985 and $6.20/million Btu for high-Btu gas, according to an EPA report OCTOBER 109

Mellon Institute: Price of deregulated gas won't necessarily rise to the price of oil OCTOBER 109

Public Service E&G: Oil to gas switch can save $10-million SEPTEMBER 106

FUELS: OIL

Canada gives grants for oil cutbacks AUGUST 30

Data Resources Inc says that without an OPEC agreement real world oil prices will fall through 1982 DECEMBER 86

DOE: Nation's two largest oil from coal pilot plants are restarted under agreements with DOE SEPTEMBER 13

DOE Secretary James B. Edwards proposes major regulatory changes to make it easier for utilities to petition for exemptions to burn natural gas or oil AUGUST 15

Dresser Industries: There will be an estimated 1.4-million producing oil and gas wells in the US by 1990 DECEMBER 86

Holyoke Water Power Co: Oil-backout plan gives break to customers DECEMBER 26

Hydro development will probably cut oil use by only 3-5% in New England OCTOBER 109

McGraw-Hill: Capital spending in US oil and gas operations is expected to increase only 18.7% in 1982 DECEMBER 86

Mellon Institute: Price of deregulated gas won't necessarily rise to the price of oil OCTOBER 109

National Economic Research Associates (NERA): Will oil prices fall? How far? How fast? AUGUST 93

New England Electric System: Tank-top insulation cuts stored-fuel-oil heating costs NOVEMBER 127

NE utilities, GAO differ on oil backout AUGUST 29

Public Service E&G: Oil to gas switch can save $10-million SEPTEMBER 106

Systems Control Inc releases a study on the "Assessment of the Benefits of Coal Oil Mixtures" DECEMBER 86

Utilities see increasing nuclear-licensing delays SEPTEMBER 104

FUELS: SYNTHETICS

Coal syn-fuel project sponsors will make a serious management mistake and leave themselves open to possible state and federal regulation if they decide to supply their plants from captive mines owned by the plant sponsors OCTOBER 110

Liquid synfuel made from coal via SRC I process OCTOBER 28

Some $3.1-billion in loan guarantees for two synfuel operations are approved by Energy Secretary James B. Edwards SEPTEMBER 13

FUELS: URANIUM

Gaseous-diffusion plant gets computer control (Leeds & Northrup and Union Carbide) DECEMBER 101

Utilities are urged to continue improving the efficiency of LWRs even though the price of uranium is cheap now NOVEMBER 15

FUELS OUTLOOK

NEES buys all-coal robot ship; US Supreme Court dismisses an appeal by Columbus & Southern Ohio Electric Co to recoup expenses incurred during '77-78 coal strike; Greenhouse effect: only hot air; FERC Commissioner Sheldon says hydro will provide 5% of new electricity needed in the year 2000 JULY 114

Will oil prices fall? How far? How fast? AUGUST 93

Study lists coal-conversion savings; Oil to gas switch can save $10-million; Utah P&L bids $10-million at lease sale; Coal production to surge in '81 SEPTEMBER 106

Coal conversion: DOE opposes bills before Congress that would give utilities special tax breaks for purchasing coal-fired boilers and related conversion equipment; Coal prices won't spurt until late 1983 or 1984, says a Dean Witter Reynolds report; Medium and high-Btu coal gas could become competitive with new natural gas in the 1980s if a minimum acceptable price of $5.20/million Btu is attained for medium-Btu gas by 1985 and $6.20/million Btu for high-Btu gas, according to EPA; Hydro development will probably cut oil use by only 3-5% in New England; Montana Supreme Court orders state PSC to conduct new hearings to decide whether a market cost or rate of return formula should be used to determine fair costs for coal supplied by a coal company subsidiary to its parent utility; Price of deregulated gas won't necessarily rise to the price of oil, says a study by Mellon Institute; Bureau of Land Management has determined that approximately 13.5-billion tons of federal coal in northwest New Mexico are suitable for leasing and development by mining companies; Coal stockpiles at Basin Electric's 1,000-MW Laramie River power station are protected by sealers made froma fly-ash-water mixture; Eugene Water & Electric Board is considering construction of a powerplant that would burn forest slash; Coal synfuel project sponsors will make a serious management mistake and leave themselves open to possible state and federal regulation if they decide to supply their plants from captive mines owned by the plant sponsors OCTOBER 109

Interregional market competition in the US coal industry makes it unlikely that coal-transportation charges will rise to excessive levels; US has peaked in energy consumption says a new forecast by Planning & Forecasting Consultants; Systems Control Inc releases a study on the "Assessment of the Benefits of Coal-Oil Mixtures"; US led the world in energy production in 1980; Capital spending in US oil and gas operations is expected to increase only 18.7% in 1982; Data Resources Inc says that without an OPEC agreement, real world oil prices will fall through 1982; Dresser Industries says there will be 1.4-million producing oil and gas wells in the US by 1990; Production and use of low-rank coals forelectric power generation has increased tenfold in the last decade and now totals over 150-million tons/yr; DOE sees coal consumption increasing at an average rate of 5.3% per year between 1980 and 1982; a $22-million 25-MW Rolls-Royce SK-30 gas-turbine-based cogeneration system for the downtown Miami government-center complex is slated for startup in 1984; Senate bill S1706 for dealing with acid precipitation could end up costing utility consumers $3.2-billion/yr DECEMBER 86

FUSES

Pennsylvania P&L: 'Simplicity' is key to fuse-reclosing device OCTOBER 137

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GENERATION: CONVENTIONAL COMBUSTION TURBINE

SOYLAND POWER CO-OP is given a $4.2-million federal loan guarantee to study the feasibility of building a 220-MW underground compressed air storage facility (using a combustion turbine/expander to generate electricity) NOVEMBER 13

Steam Station Cost Survey: 22nd annual survey NOVEMBER 69

GENERATION: CONVENTIONAL HYDRO

Canada: Hydroelectric power from Canada could begin flowing into New England within four years under an agreement between New Hampshire and theprovince of Quebec JULY 11

CENTRAL MAINE POWER: Polymer replaces lignum vitae for hydro bearings JULY 153

DOE: Permit applcations for small hydro sites have reached an unprecedented level this year, says DOE AUGUST 16

FERC denies two munis' claims to hydro project preference involving private entities seeking to develop the same sites DECEMBER 13

New England: Hydro development will probably cut oil use by only 3-5% in New England OCTOBER 109

Oregon's Emerald People's Utility District will try to use a "little known" state law to obtain power from dams operated by Pacific P&L SEPTEMBER 13

Steam Station Cost Survey: Electrical World's 22nd annual survey NOVEMBER 69

US Senate Environment & Public Works Committee cuts $645-million out of the $1-billion budgeted for the Dickey-Lincoln School hydro project NOVEMBER 13

GENERATION: CONVENTIONAL STEAM

Arizona PS: Puts into commercial operation its 350-MW $230-million Cholla Unit 4 JULY 16

ARKANSAS P&L: Three new coal-fired units have been completed, with one already in commercial operation (White Bluff Unit 2) 16

BATTELLE PACIFIC NORTHWEST LABORATORIES: Nuclear vs coal: Comparing cost trends DECEMBER 81

DELMARVA P&L and METROPOLITAN EDISON: Neighbor's 'retired' gas turbine control cab saves $275,000 SEPTEMBER 150

GENERAL ELECTRIC: On-site turbo-shaft overboring saves time and money JULY 155

GILBERT/COMMONWEALTH COMPANIES: Coal of nuclear? Economics govern OCTOBER 103

NATIONAL ELECTRIC RELIABILITY COUNCIL: 1980-81 noncoincident peak demand for the contiguous US was 383,888 MW, an increase of 4.2% or 15,353 MW over the 1979-80 winterpeak says DOE JULY 11

NEVADA POWER: Nevada project goes on despite adversity AUGUST 29

PUGET SOUND P&L: Finds unusual financing for share in two units NOVEMBER 25

SALT RIVER PROJECT: Horizontal scrubbers perform well AUGUST 89

Steam Station Cost Survey: Electrical World's 22nd annual survey NOVEMBER 69

STONE & WEBSTER: New fluidized bed process that will enable industrial boilers to burn high-sulfur coal cleanly has been successfully tested by Conoco Coal Development and S&W DECEMBER 11

TVA study of the costs of nuclear vs coal-fired generating stations concludes that they will cost about the same for a plant that starts commercial operation in 1995 JULY 11

UTAH P&L: Demonstration system for reducing by up to 50% NO_x emissions from coal-fired utility boilers will be tested on a 400-MW unit at Hunter station JULY 13

UTAH P&L: Finds itself in a no win situation in the selection of a construction manager for the 3,000 MW coal fired Intermountain Power Project SEPTEMBER 13

UTAH P&L: With 475-ft climb to the job, do it right on the first trip DECEMBER 114
WASHINGTON COMMENT: Issues to watch: Generation deregulation
WESTINGHOUSE ELECTRIC CORP: Planning for future generation needs JULY 109

GENERATION: NONCONVENTIONAL

FUEL CELL

WESTINGHOUSE ELECTRIC CORP: Plans to commercialize a fuel cell that promises to have the highest fuel to electric energy conversion efficiency of any system to date JULY 16

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Nevada: New test under way for Nevada geothermal power JULY 113
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UTAH P&L: A new type of geothermal-wellhead power plant is under test NOVEMBER 13

GENERATION: NONCONVENTIONAL

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ARKANSAS P&L: Advanced simulator goes to southern utility SEPTEMBER 105
BABCOCK & WILCOX: Nuclear plants get hi-fi simulators SEPTEMBER 103
CAROLINA P&L: Simultaneous outages of the Brunswick 1 and Robinson nuclear plants force CP&L to buy up 1,000 MW of power SEPTEMBER 13
Electricity generated from nuclear power in the first seven months of 1981 increased 11.8% over the same period in 1980 NOVEMBER 15

GENERATION: NONCONVENTIONAL

OCEAN GRADIENT

Nova Scotia: Construction of two tidal power dams in Nova Scotia could increase the range of tides on the cost of Maine by as much as 20 in. endangering homes and roads as well as the coastal econology JULY 13

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SOLAR

Court, laws encourage solar energy AUGUST 31
GIBBS & HILL: 500-MW solar plant has been proposed for Ridgecrest, Calif, by G&H DECEMBER 11
PUBLIC SERVICE E&G: Will supply and install either of two types of solar heaters in homes, as a supplementary energy source of hot water OCTOBER 13
SOUTHERN CALIFORNIA EDISON: First solar-tower power plant almost ready to go DECEMBER 23
Studying thermophotovoltaics NOVEMBER 29

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ATLANTIC ELECTRIC will pay $500 each to the first 100 residential customers who install approved equipment to generate electricity from wind-powered devices JULY 11
COMMONWEALTH ELECTRIC CO and ALUMINUM CO OF AMERICA: A 100-kW Darrieus vertical axis wind turbine/generator was dedicated in late August in Tisbury, Martha's Vineyard, Mass OCTOBER 13
DOE proposes grant program for wind energy AUGUST 32
PACIFIC G&E: Will buy all the electricity produced by a wind farm now under development by US Windpower Inc in eastern Alameda County SEPTEMBER 11
SOUTHERN CALIFORNIA EDISON: An environmental study ordered by Southern Cal Edison and the US Bureau of Land Management puts most proposed wind farms on hold SEPTEMBER 13

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Add-on heat pump has strong appeal (Carrier Corp, Washington Gas Light Co, and Columbia Gas System) DECEMBER 99

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Insulation may cause wiring-code violations NOVEMBER 109
New England Electric System: Tank-top insulation cuts stored-fuel-oil heating costs NOVEMBER 127

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SAN DIEGO GAS & ELECTRIC: Insulator-washer trucks douse blazes on power poles SEPTEMBER 154

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TOLEDO EDISON: A $4.3-million settlement of a six-year-old suit by Toledo Edison against insurance underwriters will pay for broken transmission lines that resulted in a seven month shutdown of Bay Shore 1 generating station AUGUST 13

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New Mexico: Three utilities plan to link the Southwest with the western grid in New Mexico (Southwestern PS, Texas-New Mexico Power Co, and El Paso Electric) AUGUST 11
Two southwestern utilities say they could jointly save nearly $2-billion in a 10-year period if their systems can be integrated and operated as one, while keeping their own identities (San Diego G&E and Tucson Electric Power) AUGUST 13

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How to conquer speech fright DECEMBER 43
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Meter reading and the mushroom theory JULY 55
Utilities lead in health, safety spending JULY 57

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California: A new law will allow utilities to collect triple damages for theft of power NOVEMBER 13
Clean Air Act: Industry seeks Clean Air Act revisions JULY 28
Court, laws encourage solar energy AUGUST 31
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NRC: Passage of the fiscal-1982 NRC Authorization Bill could speed up licensing for nuclear plants AUGUST 11
Portion of President Reagan's monumental tax-reduction bill affecting electric utilities establishes an accelerated cost-recovery system SEPTEMBER 11
South Dakota legislature approves a water pact with slurry-pipeline developers NOVEMBER 15

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ASME: A precedent-setting case testing whether professional societies are liable under the Sherman Antitrust Act for actions of their members will be heard before the Supreme Court AUGUST 13
California: Insulation Contractors Assn of California is suing the California Energy Commission, claiming the commission overstepped its authority by limiting contractors under its Residential Conservation Service Program NOVEMBER 16
California: Regulation of siting and design of nuclear plants under two California laws is upheld by a US Appeals Court NOVEMBER 16
CONSOLIDATED EDISON CO OF NY: Is ruled "grossly negligent" in the July 1977 New York City blackout by the state's highest court, the Court of Appeals DECEMBER 16
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CONSUMERS POWER and DETROIT EDISON: Injunctions in the Michigan Court of Appeals threaten construction financing by Consumers Power and Detroit Edison SEPTEMBER 15
CONSUMERS POWER and DETROIT EDISON: Michigan Supreme Court order preventing two utilities from selling securities, under a suit filed by the Michigan Attorney General, is lifted by the court NOVEMBER 16
FCC's pole attachment rates for private utilities are upheld by the US Court of Appeals for the Dictrict of Columbia JULY 16
Florida: Three Florida utilities expect to recover $87.6-million in previously unrecovered fuel costs (Florida Power Corp, Florida P&L, and Gulf Power) OCTOBER 16
IOWA P&L: US Supreme Court clears $10-million that had been held in escrow for Iowa P&L in a coal-rate transport dispute with Burlington Northern SEPTEMBER 15
NORTHEAST UTILITIES: Files a suit challenging the Connecticut Dept of Public Utility Control's order that NU revert to discounted rates for high-volume residential electric-heating customers AUGUST 13
NORTHERN INDIANA PS: US Appeals Court bars foundation construction at NIPS's Bailly nuclear Unit 1 AUGUST 13
PACIFIC G&E: Death of 7 miners in an accident at Helms pumped-storage plant last January was the result of alleged willful safety violations by the general contracter, state OSHA officials charge JULY 16
PACIFIC G&E: General Motors asks the California Supreme Court to deny PG&E a no-interest conservation loan program for PG&E's residential customers JULY 16
Pennsylvania PUC asks the state's Commonwealth Court for permission to appeal its decision on insulation standards before electricity can be connected to a new home OCTOBER 16
SALT RIVER PROJECT: Has the right to sell power to investor-owned utilities from its Navajo coal-fired plant in Page, Arizona NOVEMBER 16
Texas: Two Texas utilities win a federal lawsuit that could save hundreds of millions of dollars in fuel costs for central Texas electric customers OCTOBER 16
TOLEDO EDISON: A $4.3-million settlement of a six-year-old suit by Toledo Edison against insurance underwirters will pay for broken transmission lines that resulted in a seven-month shutdown of Bay Shore 1 generating station AUGUST 13
US Supreme Court: In two opinions, the US Supreme Court rejects appeals against certain provisions of the 1977 Strip Mining Act brought by coal operators, localities, and the states of Virginia and Indiana AUGUST 13
US Supreme Court unanimously upholds the constitutionality of broad federal controls over strip mining JULY 16

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KANSAS G&E: Receives regulatory approval

for a load-management scheme that rewards customers in winter for allowing automatic cycling of their air conditioners in summer JULY 13

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Cutting costs through loss controls SEPTEMBER 51
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ELECTRIC POWER RESEARCH INSTITUTE: Executives, modelers must keep in closer touch DECEMBER 23

How good--or bad--are the commissions? OCTOBER 35
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NEW ENGLAND ELECTRIC SYSTEM: Deregulation: Back door to nationalization AUGUST 43
NORTHERN STATES POWER: Is studying a corporate reorganization that would alleviate regulatory pressures and allow the company more freedom in bulk power supply purchases JULY 16

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WISCONSIN PS: Directs three utilities to plan a combined meter-reading experiment, in an attempt to find ways to save money for customers DECEMBER 16

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South Norwalk (Conn) Electric Works: A muni's refusal to separate a customer's fuels-adjustment charge from the rest of the bill leads to the arrest of seven persons connected with the utility OCTOBER 16

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BABCOCK & WILCOX: Nuclear plant gets hi-fi simulators SEPTEMBER 103
BATTELLE PACIFIC NORTHWEST LABORATORIES: Nuclear vs coal: Comparing cost trends DECEMBER 81
CINCINNATI G&E: NRC fines CG&E $200,000 because of poor quality-assurance documentation at the 800-MW Zimmer plant DECEMBER 11
COMBUSTION ENGINEERING POWER SYSTEMS DIV: Inflatable guard prevents nuclear worker falls SEPTEMBER 154
COMMONWEALTH EDISON: Shrouded fork lift handles radioactive wastes effectively DECEMBER 110
COMMONWEALTH EDISON: Closing of Zion plant would reduce power reserves to a level lower than adequate for reliable service DECEMBER 11
DOE: Nuclear facilities controlled by DOE but usually operated by contractors are immune from investigation by NRC or OSHA, says GAO SEPTEMBER 11
DUQUESNE LIGHT CO: Possibility of sabotage at Beaver Valley Unit 1 is being investigated by the FBI JULY 11

DUQUESNE LIGHT CO: US Attorney for western Pennsylvania closes the books on sabotage at Beaver Valley nuclear plant, citing insufficient evidence to indict DECEMBER 11
EDISON ELECTRIC INSTITUTE: Task force has developed an insurance program that provide for up to $1-billion of insurance coverage for on-site property damage at nuclear power plants JULY 15
EPRI: It's important that NRC reassure the public that risks associated with nuclear power are both manageable and acceptable, says Chauncey Starr, vice chairman of EPRI JULY 11

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BROWN & ROOT INC: Houston L&P halts construction of its troubled South Texas nuclear plant for at least six months while it phases out Brown & Root as the builder and finds a replacement DECEMBER 11
BUREAU OF RECLAMATION: A huge fire in a tunnel containing a 525-kV oil-cooled cable leading to the 700-MW Unit 23 at Grand Coulee's third powerhouse also damaged cable to two other 700-MW units AUGUST 13
BURLINGTON NORTHERN: US Supreme Court clears $10-million that had been held in escrow for Iowa P&L in a coal-rate transport dispute with Burlington Northern SEPTEMBER 15
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CHESAPEAKE & OHIO RAILWAY: Save 265-miles of coal route with 1/5-mile rail connection OCTOBER 141

CHARLES RIVER ASSOCIATES: Interregional market competition in the US coal industry makes it unlikely that coal-transportation charges will rise to excessive levels DECEMBER 86
CHUGOKU ELECTRIC POWER CO: An advanced boiling water reactor will be developed by GE and eight Japanese companies, under a contract to share in tests and development AUGUST 11
CINCINNATI GAS & ELECTRIC: NRC fines CG&E $200,000 because of poor quality-assurance documentation at the 800 MW W.H. Zimmer plant DECEMBER 11
CITY OF CALGARY ELECTRIC SYSTEM: Current limiter replaces need to cut nonpayers off AUGUST 118
CLEVELAND ELECTRIC ILLUMINATING: Ohio Edison and three other utilities agree to amend sales contracts with a unit of North American Coal Corp, thus allowing them to purchase more economical coal elsewhere OCTOBER 13
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CLEVELAND ELECTRIC ILLUMINATING: An Ohio utility can't charge customers for power-plant costs when it decides it will not finish or operate the plants, according to the Ohio Supreme Court AUGUST 16
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COLUMBUS & SOUTHERN OHIO ELECTRIC: Recycled switchgear enclosures cut job costs AUGUST 125
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COMBUSTION ENGINEERING INC: Mobile bottom-ash conveyor eases furnace-tending chores AUGUST 127
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COMMONWEALTH EDISON: Closing of Zion plant would reduce power reserves to a level lower than adequate for reliable service DECEMBER 11
COMMONWEALTH EDISON: Design changes cut pole-cost premium AUGUST 102
COMMONWEALTH EDISON: Shrouded fork lift handles radioactive wastes effectively DECEMBER 110
COMMONWEALTH EDISON: US Supreme Court rules 6-3 that Montana's 30% coal-severance tax does not violate either the Commerce Clause of the Constitution or federal statutes AUGUST 13
COMMONWEALTH ELECTRIC: A 100-kW Darrieus vertical-axis wind turbine/generator was dedicated in late August in Tisbury, Martha's Vineyard, Mass OCTOBER 13
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CONSOLIDATED EDISON CO OF NY: Is beginning a two-year demonstration project to provide solar-assisted water-heating systems to 700 houses in New York City and Westchester County JULY 13
CONSOLIDATED EDISON CO OF NY: Is ruled "grossly negligent" in the July 1977 blackout by the state's highest court, the Court of Appeals DECEMBER 16
CONSOLIDATED EDISON CO OF NY: Louis H. Roddis, former president and vice chairman of Con Edison, is named chairman of DOE's 20-member Energy Research Advisory Board AUGUST 16
CONSOLIDATED GAS CO: Niagara Mohawk plans to set up an unregulated subsidiary to build 5-10 MW cogeneration facilities, possibly in partnership with Consolidated Gas Co AUGUST 16
CONSUMERS POWER CO: Injunctions in the Michigan Court of Appeals threaten construction financing by Consumers Power and Detroit Edison SEPTEMBER 15
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DETROIT EDISON CO: Injunctions in the Michigan Court of Appeals threaten construction financing by Consumers Power and Detroit Edison SEPTEMBER 15
DETROIT EDISON CO: Michigan Supreme Court order preventing two utilities from selling securities, under a suit filed by the Michigan Attorney General, is lifted by the court NOVEMBER 16
DETROIT EDISON CO: And the City of Detroit, and Combustion Engineering plan to build a $300-millin solid waste disposal project OCTOBER 13
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DUKE POWER CO: Quick-access microfiche system protects plant data AUGUST 126

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DUKE POWER CO: Receives Reddy Communications top award in its annual report competition JULY 16
DUQUESNE LIGHT CO: Ohio Edison and three other utilities agree to amend sales contracts with a unit of North American Coal Corp. thus allowing them to purchase more economical coal elsewhere OCTOBER 13
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DUQUESNE LIGHT CO: US Attorney for western Pennyslvania closes the books on sabotage at Beaver Valley Nuclear plant, citing insufficient evidence to indict DECEMBER 11

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EBASCO BUSINESS CONSULTING CO: Ratio of the amount of electric rate increases granted to the amount requested has reached a new high NOVEMBER 16
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ELECTRIC POWER RESEARCH INSTITUTE (EPRI): Executives, modelers must keep in closer touch DECEMBER 23
ELECTRIC POWER RESEARCH INSTITUTE (EPRI): It's important that NRC reassure the public that risks associated with nuclear power are both manageable and acceptable, says Chauncey Starr, vice chairman of EPRI JULY 11
ELECTRIC POWER RESEARCH INSTITUTE (EPRI): New, efficient way to spot feeder oil leaks fast (by using dogs) AUGUST 104
ELECTRIC POWER RESEARCH INSTITUTE (EPRI): New test unit scores well at nuclear plant AUGUST 92
ELECTRIC POWER RESEARCH INSTITUTE (EPRI): Regulators, utilities win rate-design tiff DECEMBER 26
ELECTRIC POWER RESEARCH INSTITUTE (EPRI): Systems Control Inc releases study done by EPRI on the "Assessment of the Benefits of Coal-Oil Mixtures" DECEMBER 86
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ELECTRICITE DE FRANCE: PWR output can easily be adjusted downward to match baseload demand without apparent danger to reactor or fuel DECEMBER 11
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ENERGY TRANSPORTATION SYSTEMS INC: South Dakota legislature approves a water pact with slurry-pipeline developers, giving ETSI the right to use Missouri River water for its slurry pipeline from Wyoming to the Gulf area NOVEMBER 15
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EUGENE WATER & ELECTRIC BOARD: New test under way for Nevada geothermal power JULY 113
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FOOD PAGEANT INC: Consolidated Edison is ruled "grossly negligent" in the July 1977 New York City blackout by the state's highest court, the Court of Appeals DECEMBER 16
FOSTER WHEELER BOILER CORP: Novel cogeneration scheme to assist refinery OCTOBER 108

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GENERAL ELECTRIC: On-site turbo-shaft overboring saves time and money JULY 155
GENERAL ELECTRIC CO: Reginald H. Jones, retired chairman of the board and chief executive officer of GE, was awarded the Medal of Cooperation, James H. McGraw Award for Electrical Men DECEMBER 16
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GENERAL PUBLIC UTILITIES CORP: Some 33 operators at GPU's Three Mile Island plant are ordered retested for licensing as a result of cheating by two operators, who have resigned SEPTEMBER 11
GENERAL PUBLIC UTILITIES CORP: TMI's cost impact estimated OCTOBER 59
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GEORGIA POWER CO: Has prepared and is making available a "Passive Solar Plan Book," containing 15 of the most popular home plans requested from three different plan services by customers building homes in Georgia DECEMBER 16
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GILBERT/COMMONWEALTH: Study provides guidance to train system operators AUGUST 27
GRAND COULEE: A huge fire in a tunnel containing a 525-kV oil-cooled cable leading to the 700-MW Unit 23 at Grand Coulee's third powerhouse also damaged cable to two other 700-MW units AUGUST 13
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HOLYOKE WATER POWER CO: Oil-backout plan gives break to customers DECEMBER 26
HOUSTON LIGHTING & POWER: Citizens of Austin, Tex, voted to sell the city's 16% interest in the long-delayed 2,500-MW South Texas nuclear project DECEMBER 13
HOUSTON LIGHTING & POWER: Halts construction of its troubled South Texas nuclear plant for at least six months while it phases out Brown & Root as the builder and finds a replacement DECEMBER 11
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LOUISIANA STATE UNIVERSITY: Three Louisiana utilities have joined forces with Louisiana State University's Electrical Engineering Dept in an effort to solve electric power problems peculiar to the state DECEMBER 15
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